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ABSTRACT

The report surveys curriculum development projects ongoing in 1972 in seven Federal agencies relating to vocational/technical, manpower, adult, and career education. It describes a variety of ways (ranging from personal visitation to utilization of existing publications) in which data can be obtained without undue requests for assistance from the cooperating Federal agency personnel. The bulk of the report consists of descriptions of 90 projects obtained from the following Federal agencies (with the number of projects reported in parentheses): National Institutes of Health, Bureau of Allied Health Manpower Education (47); Social Rehabilitation Service (17); Department of Labor, Manpower Administration (3); Environmental Protection Agency (6); National Oceanic and Atmospheric Administration, Office of Sea Grants (5); United States Coast Guard (2); and Civil Service Commission (10). The descriptions appear as one-page resumes containing: accession number, date, instructional classification, title (with beginning and terminal dates), director, agency contact, source of funding, media, orientation, subject content, and comment (audience, major emphasis, evaluation, distribution). The report concludes with recommendations for conducting further surveys into curriculum development programs in Federal agencies. Attachments include instructional classification code titles, a media terminology control list, and sample project resume forms. (JR)

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A SAMPLE OF ONGOING CAREER EDUCATION CURRICULUM DEVELOPMENT ACTIVITIES OF FEDERAL AGENCIES

A REPORT TO THE FEDERAL
INTERAGENCY COMMITTEE
ON EDUCATION
(F I C E)

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A SAMPLE OF ONGOING CAREER EDUCATION CURRICULUM DEVELOPMENT ACTIVITIES OF FEDERAL AGENCIES

A Report to the Federal
Interagency Committee
On Education
(FICE)

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25 October 1972

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I

INTRODUCTION

The major purpose of the project reported herein was to obtain some concept of the ongoing curriculum development projects in federal agencies relating to vocational/technical, manpower, adult and career education. In addition to this major purpose was a subsidiary objective of exploring ways and means for obtaining such information in a relatively, efficient and economical manner.

With these purposes in mind the following limitations are presented to provide perspective of scope and intent:

1. To survey all or even most federal agencies is a mammoth task and far beyond the time and financial resources available to this present project. Therefore, only a sampling of agencies was selected so as to represent a diversity of approaches.
2. The interview approach, though necessary in part, is not feasible in accomplishing the overall purposes. Whenever possible it is desirable to utilize existing information of publications rather than soliciting new responses or survey replies.
3. A simple format was desired whereby a diversity of projects could be described in a common manner without requiring excessive time or resources on the part of the federal agencies to be surveyed.

4. The activities of concern to this project were limited to: a) ongoing b) curriculum development activities conducted by c) federal agencies and related to d) vocational/technical, manpower, adult and career education.

The following section describes appropriate methods to surveying nine selected federal agencies to determine ongoing curriculum development activities. In Section III, ninety projects are described utilizing a form developed specifically for this project. These ninety projects were identified in seven federal agencies utilizing the methods described. The last section of this report provides a brief summary and recommendations for further action.

II

METHODS OF DATA COLLECTION

The nine agencies described are representative of a variety of ways in which data can be obtained without undue request for assistance from the cooperating federal agency personnel. The variety of approaches ranges from personal visitations to telephone interviews to utilization of existing publications and listings.

The agencies were partially selected to obtain information regarding two priority areas of allied health occupations and marine sciences. Other agencies could have been selected, both to represent these priority areas and to provide additional diversity in methods and procedures. However, these should suffice for illustrative purposes.

The agencies included are:

National Institutes of Health--
    Bureau of Allied Health Manpower Education
Social Rehabilitation Service
Department of Labor--
    Manpower Administration
Environmental Protection Agency
National Oceanic and Atmospheric Administration--
    Office of Sea Grants
United States Coast Guard
Civil Service Commission
United States Department of Agriculture
United States Air Force

NATIONAL INSTITUTES OF HEALTH
BUREAU OF ALLIED HEALTH
MANPOWER EDUCATION

The National Institutes of Health (NIH) contract and grant monies to projects which cover the broad range of medical research. Of interest to this survey is the Bureau of Health Manpower Education (BHME), a division of NIH which deals with every aspect of education and training in health occupations.

The Directory of Research, Development, and Demonstration Projects is currently published biannually by the BHME. This publication gives extensive information on current projects. One aspect of this information is ten program categories. Those categories which include ongoing curriculum development activities are NEWOCC (New Occupations) and EDMETH (Educational Methods).

However, this publication is undergoing revision and its status will change. There are two possibilities: 1) it will become a section of the annual Directory of Support which includes all aspects of BHME support; or 2) it will be continued as a separate publication but under a new title. Another future source of information on curriculum development activities will be in the redesigned publication--Institutional Profiles. This will be a regular publication of BHME in approximately one year and will feature a curriculum development "emphasis area."

The latest Directory of Research, Development, and Demonstration Projects was published in December, 1971, and contains information on the curriculum development activities listed on pages 16 to 62.

SOCIAL REHABILITATION SERVICE

The Social Rehabilitation Service (SRS) awards grant monies in support of projects which will contribute to the present knowledge of rehabilitation theory or practice. The Social Rehabilitation Service is a division of the Department of Health, Education and Welfare.

SRS publishes two volumes of interest to this survey--the SRS Research, 1971 and Research Directory of the Rehabilitation Research and Training Centers. These two directories give information about all of SRS sponsored contracts and grant whether emanating from SRS headquarters in Washington, D.C. or one of the eighteen research and training centers located throughout the United States. Both of these directories are published annually.

Examples of SRS curriculum development activities appear on pages 63 to 79.

DEPARTMENT OF LABOR - MANPOWER ADMINISTRATION

The Manpower Administration consolidates the activities that direct, coordinate or support manpower programs. Part of this mission includes support of some curriculum development activities.

The Manpower Administration publishes an annual directory entitled Manpower Research and Development Projects which gives all pertinent information about research and development activities within the Manpower Administration. The 1972 edition will be available in December and can be obtained from the Division of Research and Development, Manpower Administration, U.S. Department of Labor, Washington, D.C. 20210.

The majority of the curriculum development projects listed in the 1971 edition were completed this year; therefore, the citations given on pages 80 to 82 serve as examples of information which can be obtained from Manpower Research and Development Projects.

ENVIRONMENTAL PROTECTION AGENCY

The Environmental Protection Agency (EPA) is heavily involved in training of personnel for the new and expanding environmental health fields. The agency is divided into five areas of concern which maintain separate, autonomous training centers. They are:

Air Quality Control Office----Raleigh, North Carolina
Water Quality Control Office--Arlington, Virginia
Solid Waste Management Office-Cincinatti, Ohio
Pesticides Monitoring Office--Atlanta, Georgia
Radiation Control Office------Rockville, Maryland

There has been relatively little materials development within the five centers because initial emphasis was in straight line training--the basic disciplines, and materials in these areas are widely available. The technician level will become the main emphasis in future curriculum development activities.

The six curriculum development activities (pages 83 to 88) are from the Water Quality Control Office. The grants officer in other branches can be contacted for similar information; however, Water Quality is currently the largest supporter of outside curriculum development grants. There are no compilations or research directories published in EPA.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OFFICE OF SEA GRANTS

Seven separate agencies and programs were combined in 1970 to form the National Oceanic and Atmospheric Administration (NOAA) to improve man's comprehension and uses of the physical environment and its oceanic life.

The Office of Sea Grants is one of ten major divisions within NOAA and is the major office involved in promoting and supporting educational activities. All grants support the utilization of "marine resources." There are three types of grants from this office:

1. investigator - traditional one person directing a single subject area project.
2. institutional - ten or more projects included in grant.
3. coherent grant - three to ten projects funded, all of which are closely related in subject matter.

There is a directory of projects in preparation, to be completed by January, 1973. This publication will be printed annually and will give detailed information on all grants in progress.

Examples of curriculum development activities supported by this office appear on pages 89 to 93.

UNITED STATES COAST GUARD

The United States Coast Guard provides training to some degree for all of its personnel. Technical training takes place in many locations throughout the country with the five major training centers being located at:

Governor's Island, New York
Yorktown, Virginia
Pataluma, California
Elizabeth City, North Carolina
Mobile, Alabama

To determine whether curriculum materials are being developed in a certain instructional area, the first step is to locate which of the five centers offers instruction in that subject area. After that determination is made, the director of training at the center would identify the person in charge of the particular development activity.

Examples of two curriculum development projects within the Coast Guard at the present time appear on pages 94 and 95. The two projects were granted to outside agencies and are monitored by the headquarters staff in Washington, D.C. rather than one of the training centers. The Centers, however, are usually responsible for curriculum development activities.

CIVIL SERVICE COMMISSION

The Civil Service Commission (CSC) has a unique training mission different from that of most other federal agencies. Since they are responsible primarily for training other federal agency personnel on a cost reimbursement system, CSC maintains six in-house training centers. The training centers are fairly autonomous and are responsible for development of training materials within their subject areas. The majority of the materials are developed in-house, utilizing outside sources only in highly specialized areas. The courses under development or revision fluctuates and the training center director can supply information on curriculum development activities within his center. The six training centers are:

General Management Training Center---Mr. Wilton Dickerson, Director
Management Sciences Training Center--Mr. Thomas Loftis, Director
Personnel Management Training Center-Mr. Richard Indelicato, Director
Labor Relations Training Center------Mr. Robert Hastings, Director
Communications and Office Skills
Training Center----------Mr. Joe Rubin, Director
Autonmatic Data Processing
Training Center----------Mr. Park Anderson, Director

The Labor Relations Training Center is currently revising their entire course offerings. Forms on pages 96 to 105 describe this curriculum development activity.

UNITED STATES DEPARTMENT OF AGRICULTURE

Within the U.S. Department of Agriculture (USDA) are several branches which each have two offices of interest to this project. Ongoing activities of a curriculum nature related to career education will be found in both the training offices and the information services offices. Both of these sets of offices are coordinated (but not controlled) by a central source. Though the central sources may provide insight and suggestions as to potential activities, only direct contact with the training and information service officer within each of the branches will provide adequate and accurate information.

The training officers will be familiar with all curriculum development activities within their area of responsibilities. Such activities would include materials and methods for training food inspectors (Agricultural Marketing Services) and materials and methods for training supervisors of workers from lower socio-economic classes (Agricultural Research Services).

The information service officers are responsible for preparation of copy for new publications dealing with topics ranging from the annual yearbook to single sheet buying guides for consumer education. Such publications have found much use in vocational agriculture and home economic classes. They also have application to other phases of career education such as consumer education and career awareness and exploration.

The major branches of the USDA which have information service officers and training officers and which are likely to be conducting ongoing activities of interest are:

Agricultural Research Service
Office of Management Services
Soil Conservation Service
Agricultural Marketing Service
Food and Nutrition Service
Animal and Plan Health Inspection Service
Extension Service
Agricultural Stabilization and Conservation Service
Farmers Home Administration
Forest Service

UNITED STATES AIR FORCE

Randolph Air Force Base, San Antonio, Texas, is the headquarters of the Air Training Command (ATC). Training for the entire aerospace team is administered by this agency.

The command operates many bases both in the United States and overseas, but six of them are specifically charged with related areas of technical instruction. To determine whether curriculum materials are being developed in a certain instructional area, the first step is to locate which of the six bases offers training in that specific instructional area.

In trying to locate development of new curriculum activities in the area of photography, for instance, the search would go to Denver, Colorado, at Lowry Air Force Base. The director of training operations at Lowry would be contacted and he, in turn, would direct the request for information to the team developing curriculum. (Project staff have found that personal visits within the armed services are far more productive than communicating by mail or phone.)

Two types of curriculum development may be underway. The first would be an ongoing project, i.e., integral part of instructional program, and the second would be an ad hoc activity. The ad hoc activity would generally be conducted within the agency; however, special situations exist wherein the Air Force would contract with an outside agency.

(Procedures similar to those above would apply to other branches of the armed services and to other parts of the Department of Defense.)

III

DATA COLLECTED

The project constraints allowed nine agencies to be contacted with varying degrees of intensity. The forms which appear on the following pages present information obtained from seven of these agencies. It will be noted that only a sampling of ongoing activities are included and the listing is not to be considered exhaustive or complete.

The number of descriptions obtained from the agencies are:

National Institutes of Health: Bureau of Allied Health Manpower Education	47
Social Rehabilitation Service	17
Department of Labor: Manpower Administration	3
Environmental Protection Agency	6
National Oceanic and Atmospheric Administration: Office of Sea Grants	5
United States Coast Guard	2
Civil Service Commission	10

The form used was designed to provide adequate initial data without undue expectations of either the information collector or the information provider. The information included is considered as the minimum required for adequate decisions as to further actions to be taken.

The items of data contained on the forms include:

Accession number - a unique six digit number

Date - the date of form completion

C.0 Instructional classification - from one to six instructional areas or programs following a modified Office of Education Standard Terminology list (see Attachment A).

1.0 Title or name of curriculum development activity with start and termination dates given if known. If project

or activity is ongoing, then "ongoing" s all appear in date started field.

2.0 Name and address of director or administ ator of the project or activity.

3.0 Name and address of person to contact in the federal agency for further information.

4.0 Source of funds or authorization of the roject/activity. This includes the federal agency, its br nch or office and if known, the legislative authorization nd amount of money involved in the project/activity.

5.0 Media will be given if appropriate and w ll be selected from the terminology control list. (Se Attachment B.)

6.0 The primary orientation(s) of the curric lum project shall be given as selected from the term nology control list. (See Attachment B.)

7.0 Subject content shall be described by se rcher in one to five descriptors.

8.0 The searcher will place in the comment s ction any statements helpful in gaining a more complete understanding of the curriculum development project or ac ivity.

Items such as the following should be co sidered.

8.1 Audience to be served by materials.

8.2 Major emphasis of activity, e.g., curric lum development, training or economic development.

8.3 Degree of evaluation or research incorpo ated.

8.4 Distribution or dissemination plans.

Follow-up activities would be designed to that the search sponsor could indicate which activities were of major inter t and what additional information the searcher should obtain. In this man er, search efforts can be targeted on the most relevant concerns of the search sponsor. Other follow-up activities such as file updating (ad ling and purging), data processing, analyses and related concerns coul be built upon this basic information file.

The form used in this project was duplicated on NCR (no carbon required) paper. This allowed the searcher to generate initial data which could then be checked by both the federal agency providing the information and the agency requesting the information (through use of the carbons). The original would be maintained by the searcher for addition of subsequent information. The revised original could then be presented for keypunching so that data could be listed in a variety of computer output. Though these activities were not included in the present project, a sample NCR form is provided as Attachment C. The computer program for list generation is available from NWREL and has been tested in other activities.

Accession # (1) 4 / / / 0 / 0 / 1 Date: (7) 10/19/72

0.0 (12) 07-2901 (22) 07-0908 (32) .
(42) . (52) . (62) .

1.0 TITLE: Medical Dietetics and Food Systems Administration

DATE STARTED: July 1, 1971 TERMINATION DATE: June 30, 1976

2.0 DIRECTOR: Dr. Christine Weaver, University of Missouri, School of Medicine, Columbia, Missouri 65201

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $67,652

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at post-secondary level in job training.

7.0 SUBJECT CONTENT: Dietetics, nutrition.

8.0 COMMENT: To educate students to perform in the specialized roles as medical dieticians.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES Project Resume Form NWREL/OHP

Accession # (1) 4 / / / 0 / 0 / 2 Date: (7) 10/19/72

0.0 (12) 07 - 9802 (22) - (32) -
(42) - (52) - (62) -

1.0 TITLE: Curriculum Ladder: Medical Record Science Program

DATE STARTED: July 1971 TERMINATION DATE: 6/30/73

2.0 DIRECTOR: Kathleen Waters, Providence Hospital, Seattle, Washington

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $68,148

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Medical records, medical librarian.

8.0 COMMENT: To design and implement a curriculum for medical record personnel.

Accession # (1) 4 / / / 0 / 0 / 3 Date: (7) 10/19/72 18

0.0 (12) 07.9903 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Hospital Pharmacy Technician

DATE STARTED: July 1971 TERMINATION DATE: June 1974

2.0 DIRECTOR: Mrs. Lillian Kelmenson, Oakland Community College, 2840 Opdyke Road, Bloomfield Hills, Michigan

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: Bureau of Health Manpower Education $34,746

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Pharmaceutical technician, hospital pharmacy

8.0 COMMENT: To help meet the constantly increasing demand for technical manpower in the pharmaceutical profession through the development of a program for the education and training of a new class of technicians.

Accession # (1) 4 / / / 0 / 0 / 4 Date: (7) 10/19/72

0.0 (12) 07.99 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Urologic Assistant

DATE STARTED: July 1970 TERMINATION DATE: June 1975

2.0 DIRECTOR: Miss Carolyn S. Green Cincinnati Technical Institute. Cincinnati, Ohio

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: HEW, Bureau of Health Manpower Education $121,115

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Urological assistant

8.0 COMMENT: To develop a two-year associate degree training program for urologic assistants. Program is based upon the theory of cooperative education.

Accession # (1) 4 / / / 0 / 0 / 5 Date: (7) 10/19/72

0.0 (12) 07 . 0902 (22) 07 . 01 (32) .
(42) . (52) . (62) .

1.0 TITLE: Cardiovascular Training Program

DATE STARTED: July 1970 TERMINATION DATE: June 1973

2.0 DIRECTOR: Dr. Larry P. Elliott, University of Florida, Gainesville, Florida

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $115,594

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Cardiovascular laboratory.

8.0 COMMENT: To establish a cardiovascular technician training program centered in cardiovascular laboratories for high school graduates and degreed allied health professionals and nurses.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 0 / 6 Date: (7) 10/19/72

0.0 (12) 07. 99 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Electron Microscopy Technicians

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. Lois H. Lindburg, San Jose State College, San Jose, California

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $35,750

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Electron microscopy, medical laboratory

8.0 COMMENT: To train technicians for service in electron microscopy laboratories located in hospital, public health and medical research laboratories.

Accession # (1) 4 / / / 0 / 0 / 7 Date: (7) 10/19/72

0.0 (12) 07.0603 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: New Curriculum and Training Methods for Optometric Technicians and Technologists

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Mr. Ralph L. Vasa, Southern College of Optometry, 1245 Madison, Memphis, Tennessee

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $84,148

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the postsecondary level.

7.0 SUBJECT CONTENT: Optometry technician, common-core curriculum.

8.0 COMMENT: To develop effective operation of a stair-step assistant technician, technologist program utilizing a common-core curriculum of general college courses to provide vision care professionals with three levels of ancillary technical personnel.

Accession # (1) 4 / / / 0 / 0 / 8 Date: (7) 10/19/72

0.0 (12) 07.0306 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of an Obstetrical Training Program

DATE STARTED: July 1971 TERMINATION DATE: June 1974

2.0 DIRECTOR: Dr. James DeLaney, University of Colorado Medical Center, 4200 East Ninth Avenue, Denver, Colorado

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $44,838

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Obstetrical technician, family planning.

8.0 COMMENT: To plan, develop and implement a new training program for paramedical professional personnel in the field of obstetrics and family planning.

Accession # (1) 4 / / / 0 / 0 / 9 Date: (7) 10/19/72

0.0 (12) 07. (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Implementation of Improved methods of Instruction

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Miss Ardelle E. Johnson, University of Pittsburg, Fifth Avenue and Bigelow Blvd., Pittsburg, Pennsylvania

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $38,734

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Teacher oriented materials which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: In-service training, teaching methodology

8.0 COMMENT: To improve regular classroom instruction, initiate independent study for review and reinforcement of regular class presentations, initiate an independent study area for remedial and advanced study purposes through development of instructional messages and develop an in-service program for the instructors to improve their teaching methods.

Accession # (1) 4 / / / 0 / 1 / 0 Date: (7) 10/19/72

0.0 (12) 07.05 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Computer-Assisted Instruction Radiologic Technology

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. William R. Hendee, University of Colorado, School of Medicine, 4200 East Ninth Avenue, Denver, Colorado

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $69,921

5.0 MEDIA: CAI-Program

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Radiologic technologists', clinical training

8.0 COMMENT: To improve clinical training in radiologic technology and to develop and evaluate computer-assisted instructional techniques and use these techniques during the second year of training.

Accession # (1) 4 / / / 0 / 1 / 1 Date: (7) 10/19/72

0.0 (12) 07.07 (22) 07.0307 (32) .
(42) . (52) . (62) .

1.0 TITLE: Allergy Environmentalist Training Program

DATE STARTED: July 1971 TERMINATION DATE: June 1975

2.0 DIRECTOR: Dr. Robert M. Hamburger, University of California, San Diego School of Medicine, P.O. Box 109, LaJolla, California

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $37,193

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Allergies, home treatment.

8.0 COMMENT: To develop a new allied health profession, the allergy environmentalist, whose function will be primarily to assist the physician allergist to treat patients in their home.

Accession # (1) 4 / / /0 /1 /2 Date: (7) 10/19/72

0.0 (12) 07 . 0904 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Prepare Physician Assistants in Gerontology

DATE STARTED: July 1973 TERMINATION DATE: March 1973

2.0 DIRECTOR: Mr. Charles Berry, St. Louis University, St. Louis, Missouri

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $14,869

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Gerontology, physician's assistant

8.0 COMMENT: To develop a program o prepare competent physician's assistants who will supplement the ervices provided by the internist, gerontologist and physi rist.

Accession # (1) 4 / / / 0 / 1 / 3 Date: (7) 10/19/72

0.0 (12) 07 . 0402 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Physical Therapist Assistant Program

DATE STARTED: July 1968 TERMINATION DATE: June 1974

2.0 DIRECTOR: Miss Shirley Asklund, St. Mary's College, Minneapolis, Minnesota

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $115,078

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Physical therapy, community education

8.0 COMMENT: To develop teaching materials for the physical therapy assistant program and to initiate community education activities relating to the new field of physical therapy assistant.

Accession # (1) 4 / / / 0 / 1 / 4 Date: (7) 10/19/72

0.0 (12) 07. 0102 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Dental Hygiene Expansion and Improvement

DATE STARTED: July 1971 TERMINATION DATE: June 1974

2.0 DIRECTOR: Miss Diane Curl, Westbrook College, Portland, Maine

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $74,170

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the secondary or post-secondary level in job training.

7.0 SUBJECT CONTENT: Dental hygienists, curriculum development

8.0 COMMENT: To expand dental hygiene enrollment and to improve curriculum through new equipment necessary for new techniques.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 1 / 5 Date: (7) 10/19/72

0.0 (12) 07 . (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Exemplary Programs in Health for Oklahoma

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Mr. Lloyd Hill, Oscar Rose Jr. College, 6420 S.E. Fifteenth, Midwest City, Oklahoma

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: VIII. Bureau of Health Manpower Education $171,590

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the secondary or post-secondary level in job training.

7.0 SUBJECT CONTENT: core curriculum allied health

8.0 COMMENT: This program is multifaceted and includes the development of a core curriculum for the allied health sciences.

Accession # (1) 4 / / / 0 / 1 / 6 Date: (7) 10/19/72

0.0 (12) 07. 0703 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Program to Train Sanitarian Technicians

DATE STARTED: July 1971 TERMINATION DATE: June 1973

2.0 DIRECTOR: Mr. Charles E. Williard, Laredo Municipal District Junior College, Laredo, Texas

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: MIH, Bureau of Health Manpower Education $65,321

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Sanitarian technician, Mexican Americans, core curriculum.

8.0 COMMENT: To establish a special associate degree program to train economically and culturally disadvantaged Americans of Mexican descent for employment as sanitarians and to develop a core curriculum built around health concepts suitable for all students in allied health programs.

Accession # (1) 4 / / / 0 / 1 / 7 Date: (7) 10/19/72

0.0 (12) 07. 0603 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Training and Utilization of Optometric Technicians

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. Steven Bates, School of Optometry, University of Alabama, Birmingham, Alabama

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Optometric technicians.

8.0 COMMENT: To establish a new program which will increase the supply of trained optometric ancillary personnel.

Accession # (1) 4 / / / 0 / 1 / 8 Date: (7) 10/19/72

0.0 (12) 07 . 0904 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Physician Assistant Training Program

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. Lee Powers, Bowman Gray School of Medicine, Wake Forest University, Winston-Salem, North Carolina

3.0 AGENCY CONTACT: Dr. Merrill Delong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $80,915

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Physician's assistant

8.0 COMMENT: To expand and improve physician assistant training programs.

Accession # (1) 4 / / / 0 / 1 / 9 Date: (7) 10/19/72

0.0 (12) 07 . 0904 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Training of Physician's Assistants

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. George Mallison, Western Michigan University, Kalamazoo, Michigan

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $61,830

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Physician's assistant, diagnostic procedures, therapeutic procedures.

8.0 COMMENT: To develop and demonstrate a training program for the preparation of physician's assistants.

Accession # (1) 4 / / / 0 / 2 / 0 Date: (7) 10/19/72

0.0 (12) 07.0910 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Education Program for Orthopedic Assistant

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Miss Doris Samson, Cerritos College, 1110 East Alondra Avenue, Norwalk, California

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $76,960

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Orthopedic assistant, core curriculum

8.0 COMMENT: To establish a training program for orthopedic assistants utilizing a core curriculum and individualized teaching techniques.

Accession # (1) 4 / / / 0 / 2 / 1 Date: (7) 10/19/72

0.0 (12) 07 . 0401 (22) 07 . 9901 (32) 07 . 0402
(42) . (52) . (62) .

1.0 TITLE: Family Centered Practicum-Developmental Disabilities

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Miss Marion Chase, Ohio State University, Columbus, Ohio

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: MIH, Bureau of Health Manpower Education $64,926

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Medical dietetics, occupational therapy, physical therapy.

8.0 COMMENT: To broaden the training experience of three of the allied health professions--medical dietetics, occupational therapy, and physical therapy through an interdisciplinary approach to family centered home care of the developmentally handicapped.

Accession # (1) 4 / / / 0 / 2 / 2 Date: (7) 10/19/72

0.0 (12) 07. (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of Video-Taped Materials for Educational Enrichment

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Mrs. Alice Shafer, Trustees of Boston University, Boston, Massachusetts

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $61,195

5.0 MEDIA: Videotape

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the secondary or post-secondary level in occupational development.

7.0 SUBJECT CONTENT: To expand and enrich the curriculum through development of videotaped learning materials.

8.0 COMMENT:

Accession # (1) 4 / / / 0 / 2 / 3 Date: (7) 10/19/72

0.0 (12) 07.9901 (22) 07. 0908 (32) .
(42) . (52) . (62) .

1.0 TITLE: Dietary Technician Training Program

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Mrs. Carolyn Piper, Malcolm X College, Chicago, Illinois 60612

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: MIH, Bureau of Health Manpower Education $44,172

5.0 MEDIA:

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Dietary technicians, health care institutions

8.0 COMMENT: To educate personnel to give direct assistance to the clinical dietitian in health care institutions and to the public health nutritionist in community nutrition programs.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CIIP

Accession # (1) 4 / / / 0 / 2 / 4 Date: (7) 10/19/72

0.0 (12) 07. (22) . (32) . (42) . (52) . (62) .

1.0 TITLE: Career Mobility Programs in Allied Health

DATE STARTED: July 1971 TERMINATION DATE: Dec 1976

2.0 DIRECTOR: Sister Agnes Mary Mansour, Mercy College, Detroit, Mich.

3.0 AGENCY CONTACT: Dr. Merrill S. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: HEW, Bureau of Health Manpower Education $68,701

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Career mobility

8.0 COMMENT: To design and implement curricula that allow the career mobility within several allied health professions.

Accession # (1) 4 / / / 0 / 2 / 5 Date: (7) 10/19/72

0.0 (12) 07.9903 (22) 07.05 (32) .
(42) . (52) . (62) .

1.0 TITLE: Training of Radiopharmacy Technicians

DATE STARTED: July 1971 TERMINATION DATE: June 1976

2.0 DIRECTOR: Dr. Walter Wolf, University of Southern California, University Park, Los Angeles, California

3.0 AGENCY CONTACT: Dr. Merrill B. Delong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $21,585

5.0 MEDIA: Textbook

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Radiopharmacy technicians, nuclear medicine

8.0 COMMENT: To plan, develop, implement and demonstrate a program for the training of radiopharmacy technicians; and to collect and collate a training manual for this new type of technician.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 2 / 6 Date: (7) 10/19/72

0.0 (12) 07 . 0910 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Orthopedic Assistant Training Program and Certification Program

DATE STARTED: July 1968 TERMINATION DATE: June 1974

2.0 DIRECTOR: Dr. John C. MacQueen, University of Iowa, Iowa City, Iowa

3.0 AGENCY CONTACT: Dr. Merrill E. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $94,564

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Orthopedic assistant, emergency room care, equipment maintenance.

8.0 COMMENT: To develop a two-year community college curriculum to train a new category of professional assistant for orthopedic surgeons.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL, CHIP

Accession # (1) 4 / / / 0 / 2 / 7 Date: (7) 10/11/72

0.0 (12) 07 . (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of a Statewide Health Manpower Curriculum

DATE STARTED: June 1971 TERMINATION D TE: June 1973

2.0 DIRECTOR: Mr. Donald Brekke, South Dakota State Depa ment of Health, Office Building No. Two, Pierre, South D ota

3.0 AGENCY CONTACT: Gunnar E. Sydow

4.0 SOURCE: NIH, Bureau of Health Manpower Education 65,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the secondary and post-secondary level in jo training.

7.0 SUBJECT CONTENT: Core curriculum, health occupatio .

8.0 COMMENT: To accomplish the development of a core c riculum for health manpower development in South Dakota.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 2 / 8 Date: (7) 10/19/72

0.0 (12) 07.01 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Programmed Instruction in Periodontics

DATE STARTED: September 1967 TERMINATION DATE: August 1974

2.0 DIRECTOR: Dr. Robert John, University of California, School of Dentistry, San Francisco, California

3.0 AGENCY CONTACT: Dr. Dale Podshadley

4.0 SOURCE: NIH, Bureau of Health Manpower Education

5.0 MEDIA: P-I-Book

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Periodontics.

8.0 COMMENT: To develop a series of sequential self-educational courses of study in periodontics that can be used wholly or selectively by dental practitioners.

Accession # (1) 4 / / / 0 / 2 / 9 Date: (7) 10/1 /72

0.0 (12) 07.03 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: A Career Option in Nursing

DATE STARTED: July 1971 TERMINATION DATE: March 1976

2.0 DIRECTOR: Mrs. June Garner, State College of Arkansas, Conway, Arkansas

3.0 AGENCY CONTACT: Miss Marie Kennedy

4.0 SOURCE: HEW, Bureau of Health Manpower Education $299,646

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Nursing.

8.0 COMMENT: To plan a curriculum to prepare various levels of nursing personnel and will permit students to terminate or temporarily interrupt their education at given points in the program. They will be prepared for a designated level of practice depending on when they terminate their program.

Accession # (1) 4 / / / 0 / 3 / 1 Date: (7) 10/19/72

0.0 (12) 07.0302 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Associate Degree Nursing for Veterans

DATE STARTED: February 1970 TERMINATION DATE: Jan. 1974

2.0 DIRECTOR: Mrs. Gail Watson, El Centro College, Dallas County Junior College District, Dallas, Texas

3.0 AGENCY CONTACT: Miss Marie Kennedy

4.0 SOURCE: NIH, Bureau of Health Manpower Education

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Nursing.

8.0 COMMENT: Individualization of curriculum to assist Medical Corpsmen to obtain an associate degree in nursing.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CUIP

Accession # (1) 4 / / / 0 / 3 / 2 Date: (7) 10/19/72

0.0 (12) 07.03 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Curriculum Geared to Changing Trends

DATE STARTED: June 1970 TERMINATION DATE: May 1973

2.0 DIRECTOR: Mrs. Helen Webster, Quinnipiac College, Hamden, Conn.

3.0 AGENCY CONTACT: Dr. Hazel Aslakson

4.0 SOURCE: NIH, Bureau of Health Manpower Education $273,865

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Health team, nursing.

8.0 COMMENT: A curriculum innovative in its approach to nursing care is developed that uses basic science "care" courses applicable to allied health teaching nursing concepts rather than the static anatomical-disease process approach; and the health team approach to nursing care.

Accession # (1) 4 / / / 0 / 3 / 3 Date: (7) 10/19/72

0.0 (12) 07. 03 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Establishing a Developmental Nursing Curriculum

DATE STARTED: November 1970 TERMINATION DATE: October 1974

2.0 DIRECTOR: Mrs. Delores Quillette, Burbank Hospital School of Nursing, Fitchburg, Massachusetts

3.0 AGENCY CONTACT: Miss Audrey Lindgren

4.0 SOURCE: U.S. Bureau of Health Manpower Education $155,965

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in pb training.

7.0 SUBJECT CONTENT: Core curriculum, nursing.

8.0 COMMENT:

Accession # (1) 4 / / / 0 / 3 / 4 Date: (7) 10/1[illegible]/72

0.0 (12) 07.0302 (22) . (32) . (42) . (52) . (62) .

1.0 TITLE: Practical Nurses to Registered Nurses

DATE STARTED: June 1969 TERMINATION DATE: May 1973

2.0 DIRECTOR: Mrs. Peral Papasian, Hunter College, New Yo[illegible]k, New York

3.0 AGENCY CONTACT: Miss Lois Frederico

4.0 SOURCE: NIH, Bureau of Health Manpower Education $390,774

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used in job training instruction at the post-secondary level.

7.0 SUBJECT CONTENT: Practical nursing, registered nursing.

8.0 COMMENT: An experimental 17-month work-study program to determine a method of preparing L.P.N.'s to qualify as registered nurses.

Accession # (1) 4 / / / 0 / 3 / 5 Date: (7) 10/19/72

0.0 (12) 07. (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of Multimedia, Self-Instruction, Study Units

DATE STARTED: April 1969 TERMINATION DATE: March 1974

2.0 DIRECTOR: Dr. Marion Murphy, School of Nursing, University of Maryland, Baltimore, Maryland

3.0 AGENCY CONTACT: Dr. Hazel Aslakson

4.0 SOURCE: NIH, Bureau of Health Manpower Education $789,438

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Auto-tutorial laboratory.

8.0 COMMENT: Development of multifaceted media to support allied health occupations.

Accession # (1) 4 / / / 0 / 3 / 6 Date: (7) 10/19/72

0.0 (12) 07 .03 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Identifying Nursing Curriculum Core Content

DATE STARTED: September 1968 TERMINATION DATE: August 1973

2.0 DIRECTOR: Miss EnOlivis Bevis, San Jose State College, San Jose, California

3.0 AGENCY CONTACT: Miss Lois Federico

4.0 SOURCE: NIH, Bureau of Health Manpower Education $236,520

5.0 MEDIA:

6.0 ORIENTATION: Teacher and curriculum developer oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Nursing, core curriculum

8.0 COMMENT: The curriculum developed can serve as a model for other schools of nursing.

Accession # (1) 4 / / / 0 / 3 / 7 Date: (7) 10/19/72

0.0 (12) 07.0302 (22) . (32) . (42) . (52) . (62) .

1.0 TITLE: Practical Nurses to Registered Nurses

DATE STARTED: January 1968 TERMINATION DATE: December 1972

2.0 DIRECTOR: Miss J. Catherine Wilson, Providence Hospital School of Nursing, 16001 Nine Mile Road, Southfield, Michigan

3.0 AGENCY CONTACT: Dr. Hazel Aslakson

4.0 SOURCE: NIH, Bureau of Health Manpower Education

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Practical nursing, registered nursing, core curriculum

7.0 SUBJECT CONTENT: Student oriented material which may be used at the post-secondary level in job training.

8.0 COMMENT: Development of a curriculum to enable a student to meet diploma requirements in a shorter period of time.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 3 / 8 Date: (7) 10/14/72

0.0 (12) 07.05 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Specialists in Radiopharmaceuticals (Radiopharmacist)

DATE STARTED: July 1, 1968 TERMINATION DATE: June 30, 1973

2.0 DIRECTOR: Dr. Walter Wolf, University of Southern California
Los Angeles, California

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau Health Manpower Education $186,248

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Radio pharmacist, nuclear medicine.

8.0 COMMENT: Development of a curriculum to train radiopharmaceutical specialists to support a nuclear medicine program.

Accession # (1) 4 / / / 0/ 3/ 9 · Date: (7) 10/ 4/72

0.0 (12) 07 .0903 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Training of Respiratory Therapists

DATE STARTED: July 1, 1971 TERMINATION D/ E: June 30, 1976

2.0 DIRECTOR: Mr. Garold Beals, School of Allied Health S ences, George State College, Atlanta, Georgia

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau o Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $85,113

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials hich may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Respiratory therapy.

8.0 COMMENT: Development of an expanded two-year program

Accession # (1) 4 / / / 0 / 4 / 0 Date: (7) 10/14/72

0.0 (12) 07.09 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Medical Communications Division

DATE STARTED: July 1, 1971 TERMINATION DATE: June 30, 1976

2.0 DIRECTOR: Dr. Kathryn T. Schoen, Ohio State University, 190 North Oval Drive, Columbus, Ohio

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $67,669

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Medical communications, health environment

8.0 COMMENT: To develop medical communication professional capable of demonstrating communications competencies appropriate to health environment.

Accession # (1) 4 / / / 0 / 4 / 1 Date: (7) 10/14/72

0.0 (12) 07.02 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Baccalaureate Program in Toxicology

DATE STARTED: July 1, 1968 TERMINATION DATE: June 30, 1973

2.0 DIRECTOR: Dr. Vincent D. Lynch, St. John's University, Jamaica, New York

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $158,830

5.0 MEDIA:

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Toxicology

8.0 COMMENT: To develop suitable curriculum for an undergraduate program in toxicology.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES Project Resume Form NWREL/OHP

Accession # (1) 4 / / / 0 / 4 / 2 Date: (7) 10/14/72

0.0 (12) 07 . 9902 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Administrator of Health Services

DATE STARTED: July 1, 1968 TERMINATION DATE: June 30, 1973

2.0 DIRECTOR: Dr. S. M. Schneeweiss, Ithaca College, Ithaca, New York

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $183,410

5.0 MEDIA:

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Administration, health services, business administration.

8.0 COMMENT: To develop undergraduate program leading to administratio in health services degree.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 4 / 3 Date: (7) 10/14/72

0.0 (12) 07.9902 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Baccalaureat Program in Health Planning

DATE STARTED: July 1, 1970 TERMINATION DATE: June 30, 1975

2.0 DIRECTOR: Dr. Marshall W. Raffel, Pennsylvania State University, University Park, Pennsylvania

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: HEW, Bureau of Health Manpower Education $183,639

5.0 MEDIA:

6.0 ORIENTATION: Student oriented material which may used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Health planning, behavioral scienc , social science, biological science.

8.0 COMMENT: Development of four-year program in health planning.

CURRICULUM DEVELOPMENT ACTIVITIES FEDERAL AGENCIES Project Resume Form NWREL/OHP

Accession # (1) 4 / / / 0 / 4 / 4 Date: (7) 10/14/72

0.0 (12) 19 . 020101 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Speech and Hearing Technologists

DATE STARTED: July 1, 1970 TERMINATION DATE: June 30, 1973

2.0 DIRECTOR: Dr. Clarence Webb, University of Southern Florida
Tampa, Florida

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $58,333

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Speech technician, hearing technician, speech pathology, audiologists.

8.0 COMMENT: To develop a training program for technologists who will function in supportive roles to speech pathologists, and audiologists.

Accession # (1) 4 / / / 0 / 4 / 5 Date: (7) 10/14/72

0.0 (12) 07. 0307 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of Instructional Programs and Methods for Field Training of University Home Economics Senior Students as Family Health Technologists

DATE STARTED: July 1, 1970 TERMINATION DATE: June 30, 1975

2.0 DIRECTOR: Dr. Evelyn Hollen, New Mexico University, Las Cruces, New Mexico

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: HEW, Bureau of Health Manpower Education $47,130

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Child development, family relationships, family finance, home management, nutrition, family life practices.

8.0 COMMENT: Interdisciplinary programs development.

Accession # (1) 4 / / / 0 / 4 / 6 Date: (7) 10/14/72

0.0 (12) 07. 0402 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of a New Curriculum in Physical Therapy

DATE STARTED: July 1, 1970 TERMINATION DATE: June 30, 1975

2.0 DIRECTOR: Miss Lucille Daniels, Stanford University, Stanford, California

3.0 AGENCY CONTACT: Dr. Merrill B. DeLong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $33,462

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Physical therapist, administration, community health, physical therapy assistants.

8.0 COMMENT: Expanded program development.

Accession # (1) 4 / / / 0 / 4 / 7 Date: (7) 10/14/72

0.0 (12) 07. (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Development of Self-Instructional Techniques in Allied Health Training.

DATE STARTED: July 1, 1970 TERMINATION DATE: June 30, 1973

2.0 DIRECTOR: Lester E. Wolcott, M.D., University of Missouri Medical Center, Columbia, Missouri

3.0 AGENCY CONTACT: Dr. Merrill B. Belong, Bureau of Health Manpower Education

4.0 SOURCE: NIH, Bureau of Health Manpower Education $41,607

5.0 MEDIA:

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Applied clinical pathophysiology.

8.0 COMMENT:

Accession # (1) 4 / / / 0 / 4 / 5 Date: (7) 10/17/72

0.0 (12) 19 . 020101 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Psycholinguistics and Deafness

DATE STARTED: 1970 TERMINATION DATE: 1972

2.0 DIRECTOR: Dr. Eric Brown, New York University

3.0 AGENCY CONTACT: Dr. Jerome Schein, New York Deafness Rehabilitation Research and Training Center, 80 Washington Square, New York, New York

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the secondary and post-secondary level.

7.0 SUBJECT CONTENT: Deafness, reading.

8.0 COMMENT: This project is multifaceted and includes development of a program to teach the deaf person to read better.

Accession # (1) 1 / / / 0 / 4 / 9 Date: (7) 10/17/72

0.0 (12) 23 . 01 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Evaluation of a Cooperative Education Program between NYU and JHS 114

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Melanie Baron, New York University Medical Center, New York, New York

3.0 AGENCY CONTACT: Dr. Howard Rusk, New York University, RS Research and Training Center, New York, New York

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Textbook.

6.0 ORIENTATION: Student oriented material designed to be used in career awareness instruction at the secondary level.

7.0 SUBJECT CONTENT: Occupational horizons, disadvantaged, medical occupations.

8.0 COMMENT: This study is designed to expand the occupational horizons of disadvantaged, middle class, low achieving and high achieving students.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 5 / 0 Date: (7) 10/17/72

0.0 (12) 21 . 01 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Driver Education and Research Project

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Jack Hotkosh, SRS Research and Training Center, 400 East 34th Street, New York, New York

3.0 AGENCY CONTACT: Dr. Howard Rusk, New York University, SRS Research and Training Center, New York, New York

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Multiple handicapped, driver education.

8.0 COMMENT: This study is designed to train the severely disabled to drive automobiles, and to design adaptive equipment for this purpose.

Accession # (1) 4 / / / / 0 / 5 / 1 Date: (7) 10/17/72

0.0 (12) 07 . 08 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: A Physiatric Assistant Research and Demonstration Project

DATE STARTED: 1970 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Dr. C. Carlson

3.0 AGENCY CONTACT: Dr. Fredrick Kottke, University of Minnesota, SRS Research and Training Center, 860 Mayo Building, Minneapolis, MN

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in job training instruction at the post-secondary level.

7.0 SUBJECT CONTENT: physiatric assistant physiatric service

8.0 COMMENT: This project is multifaceted and includes the development of curriculum and training requirements for the physiatric assistant.

Accession # (1) 1 / / / 0 / 5 / 2 Date: (7) 10/17/72

0.0 (12) 07 . 03 (22) 07 . 09 (32) . (42) . (52) . (62) .

1.0 TITLE: A work Tolerance Evaluation, Research and Training Unit for Cardiopulmonary Disabilities

DATE STARTED: 1969 TERMINATION DATE: 1974

2.0 DIRECTOR: Dr. David Cardus, Baylor University

3.0 AGENCY CONTACT: Dr. William Spencer, Baylor University, SPS Research and Training Center, 1333 Moursund Avenue, Houston, Texas

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material designed for use at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Cardiopulmonary studies.

8.0 COMMENT: This project is multifaceted and includes the establishment of a cardiopulmonary training center as a result of the research.

Accession # (1) 1 / / / 0 / 5 / 3 Date: (7) 10/1///2

0.0 (12) 07 . 0402 (22) ____ . ____ (32) ____ . ____
(42) ____ . ____ (52) ____ . ____ (62) ____ . ____

1.0 TITLE: Establishment of Amputee Clinic for Research and Training

DATE STARTED: 1970 TERMINATION DATE: 1973

2.0 DIRECTOR: Dr. Mahmoud Mourad, George Washington University

3.0 AGENCY CONTACT: Dr. John Naughton, George Washington University, SRS Research and Training Center, 2150 Pennsylvania Avenue, Washington, D.C.

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia.

6.0 ORIENTATION: Student oriented materials which may be used in occupational development at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Prosthetics, physical therapy.

8.0 COMMENT: This study is designed to train medical as well as health related professionals from the community at large.

Accession # (1) 4 / / / 0 / 5 / 4 Date: (7) 10/17/72

0.0 (12) 19 . 01 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Rehabilitation of Former Drug Addicts

DATE STARTED: 1969 TERMINATION DATE: 1972

2.0 DIRECTOR: Dr. S. Alan Savitz, George Washington University

3.0 AGENCY CONTACT: Dr. John Naughton, George Washington University, SRS Research and Training Center, 2150 Pennsylvania Avenue, Washington, D.C.

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Drug abuse, counseling, training.

8.0 COMMENT: This study is designed to demonstrate rehabilitation of former drug addicts through training in educational or counseling skills directed toward prevention of drug abuse.

Accession # (1) 1 / / / 0 / 5 / 5 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: An Intensive Job Experience Effect of Short-Term Program on the Educational and Vocational Behavior of Disadvantaged Youth

DATE STARTED: 1970 TERMINATION DATE: 1972

2.0 DIRECTOR: Dr. Ramjit Majunder, University of West Virginia

3.0 AGENCY CONTACT: Dr. Joseph Moriarty, University of West Virginia, SRS Research and Training Center, Fayetteville, AR

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use at the secondary level in job training.

7.0 SUBJECT CONTENT: Disadvantaged youth, on-the-job training, counseling.

8.0 COMMENT: This project is designed to develop a program schedule for disadvantaged youth in order to bring about changes in their attitudes, interest and behavior to combat dependency. The course will include guidance and counseling and on-the-job training.

Accession # (1) 4 / / / 0 / 5 / 6 Date: (7) 10/17/72

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(12) . (52) . (62) .

1.0 TITLE: Introduction to Communication with Deaf Persons

DATE STARTED: 1971 TERMINATION DATE: 1972

2.0 DIRECTOR: Dr. Jerome Schein, New York University

3.0 AGENCY CONTACT: Dr. Jerome Schein, New York Deafness Rehabilitation Research and Training Center, 80 Washington Square, New York, New York

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Textbook

6.0 ORIENTATION: Student and teacher oriented material designed for use in occupational development at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Deafness, communications.

8.0 COMMENT: This project is designed to develop a brief training program to acquaint those unfamiliar with deafness with its problems, and to give practical, readily learned means for improving communication with deaf persons short of learning to sign or fingerspell.

Accession # (1) 4 / / / 0 / 5 / 7 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Development of a Phonetic Operator-Paced Speech Improvement Console: A Lingual Educator (POPSICLE)

DATE STARTED: 1970 TERMINATION DATE: 1972

2.0 DIRECTOR: Dr. Peter Soltesz, New York University

3.0 AGENCY CONTACT: Dr. Jerome Schein, New York Deafness Rehabilitation Research and Training Center, 80 Washington Square, New York, New York

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the secondary and post-secondary level.

7.0 SUBJECT CONTENT: Deafness, language improvement.

8.0 COMMENT: This project is designed to develop a system capable of being used by deaf and hard of hearing persons to improve their pronounciation.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CHIP

Accession # (1) 4 / / / 0 / 5 / 8 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: A Comprehensive Facility Program for Multiple Handicapped Deaf Adults

DATE STARTED: 1971 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Dr. Donald G. Martin, Hot Springs Rehabilitation Center, Hot Springs, AR

3.0 AGENCY CONTACT: Office of Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the post-secondary level.

7.0 SUBJECT CONTENT: Multiple handicapped, deaf adults

8.0 COMMENT:

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL.OHP

Accession # (1) 4 / / / 0 / 5 / 9 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Language Development in the Mentally Retarded

DATE STARTED: 1971 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Dr. Richard Odom, Vanderbil University, Nashville, Tennessee

3.0 AGENCY CONTACT: Office of Research d Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Servi

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in occupational development at the secondary level.

7.0 SUBJECT CONTENT: Language development, cognative dev lopment, intellectual development.

8.0 COMMENT: To investigate the effectiveness of live and symbolic modeling techniques in language development of educable retarded; to study effects of cognative and intellectual development on language production and comprehension.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CUIP

Accession # (1) 4 / / / 0 / 6 / 0 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Training 50 Blind Persons to Work as Taxpayer Assistors for the Internal Revenue Service

DATE STARTED: 1971 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Elmo Knoch, Jr., Arkansas Enterprises for the Blind, 2811 Fair Park Blvd., Little Rock, AR

3.0 AGENCY CONTACT: Office Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Servi

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which is designed for use in job training; instruction at the secondary and post-secondary level.

7.0 SUBJECT CONTENT: Blind persons, taxpayer assistors.

8.0 COMMENT: To prepare 50 blind people for employment as Taxpayer Assistors for the Internal Revenue Service throughout the United States.

Accession # (1) 4 / / / 0 / 6 / 1 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Wheelchairmanship

DATE STARTED: 1971 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Dr. Anita Smith, American Rehabilitation Foundation, 1800 Chicago Avenue, Minneapolis, Minnesota

3.0 AGENCY CONTACT: Office of Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Curriculum Developer oriented material designed for use in occupational development instruction at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Recreation industry, architectural barriers, handicapped persons.

8.0 COMMENT: To develop a training program and training aids for use with transportation, restaurants, hotels and entertainment industry personnel to help remove architectural barriers to mobility of handicapped persons.

Accession # (1) 4 / / / 0 / 6 / 2 Date: (7) 10/17/72

0.0 (12) 07 0501 (22) 07 . 0402 (32) . (42) . (52) . (62) .

1.0 TITLE: To Establish Concurrent Occupational Therapy and Physical Therapy Junior College Curricula

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Dr. Jean Rose Stifler, Maryland State Department of Health, 301 West Preston Street, Baltimore, Maryland

3.0 AGENCY CONTACT: Office of Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in job training instruction at the post-secondary level.

7.0 SUBJECT CONTENT: Occupational therapy assistants, physical therapy assistants, manpower shortages.

8.0 COMMENT: To train occupational therapy assistants and physical therapy assistants in companion courses and evaluate their effectiveness in contributing toward resolution of manpower shortages.

Accession # (1) 4 / / / 0 / 6 / 3 Date: (7) 10/1/72 78

0.0 (12) 07 . 0402 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Programmed Instruction for Supportive Personnel in Physical Therapy

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Dr. Lucy McDaniel, Rancho Los Amigos Hospital, 7601 East Imperial Highway, Downey, California

3.0 AGENCY CONTACT: Office of Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: P-I-book

6.0 ORIENTATION: Student oriented material designed for use in job training instruction at the post-secondary level.

7.0 SUBJECT CONTENT: Physical therapy aides.

8.0 COMMENT: To develop programmed instruction for training to physical therapy aides and assistants. This will result in several publications.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CIIP

Accession # (1) 1 / / / 0 / 6 / 4 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: An Instruction Program in the Art of Glass Design

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Eugene White, Pepperdine College, 1121 West 79th Street, Los Angeles, California

3.0 AGENCY CONTACT: Office of Research and Development, Social Rehabilitation Service

4.0 SOURCE: Social Rehabilitation Service

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material designed for use in career awareness instruction at the secondary or post-secondary level.

7.0 SUBJECT CONTENT: Disadvantaged students, glass blowing, art.

8.0 COMMENT: A feasibility study of the use of a master teacher and a series of instructional films to teach disadvantaged students glass blowing as a creative art.

Accession # (1) 1 / / / 0 / 6 / 3 Date: (7) 10/1/72

0.0 (12) 17. (22) 18. (32) .
(42) . (52) . (62) .

1.0 TITLE: Development and Implementation of a Performance Based Individualized Instructional System for Technical and Apprentice Training.

DATE STARTED: July 1971 TERMINATION DATE: July 1973

2.0 DIRECTOR: Development Systems Corporation, Chicago, Illinois

3.0 AGENCY CONTACT: Office of Research and Development, Manpower Administration, Washington, D.C.

4.0 SOURCE: Manpower Administration

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Self-paced instruction, apprentice training, tradesmen.

8.0 COMMENT: This project will attempt to demonstrate--through the application of modern instructional technology--that a performance based individualized, self-paced, apprentice training system can produce competent, well-rounded tradesmen more efficiently than is possible with conventional approaches to apprentice and technical training.

Accession # (1) 4 / / / 0/ 6/ 6 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Women in Wisconsin Apprenticeships

DATE STARTED: 1970 TERMINATION DATE: 1972

2.0 DIRECTOR: State of Wisconsin, Department of Industry, Labor and Human Relations, Madison, Wisconsin

3.0 AGENCY CONTACT: Office of Research and Development, Manpower Administration, Washington, D.C.

4.0 SOURCE: Manpower Administration

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials designed for use in job training at the post secondary level.

7.0 SUBJECT CONTENT: Apprenticeship programs, unions.

8.0 COMMENT: This project is developing methods of influencing employers and unions to accept women into apprenticeship programs as well as creating new programs designed especially female employees.

Accession # (1) 4 / / / 0 / 6 / 7 Date: (7) 10/17/72

0.0 (12) 18 . 1 (22) 24 .02 (32) .
(42) . (52) . (62) .

1.0 TITLE: Manpower Studies

DATE STARTED: August 1970 TERMINATION DATE: 1974

2.0 DIRECTOR: Dr. Eyatt C. Jones, Director, Center for Manpower Research and Development, Brandeis University, Waltham, Massachusetts

3.0 AGENCY CONTACT: Office of Research and Development, Manpower Administration, Washington, D.C.

4.0 SOURCE: Manpower Administration

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented program designed for use in occupational development at the post-secondary level.

7.0 SUBJECT CONTENT: Labor economics, manpower planning, employment relationships, urban education.

8.0 COMMENT: An institutional grant supporting a manpower training program at Brandeis University, Waltham, Mass.

Accession # (1) 1 / / / 0 / 6 / 8 Date: (7) 10/16/72

0.0 (12) 01. 0605 (22) 07. 0701 (32) . .
(42) . (52) . (62) .

1.0 TITLE: Curriculum Package in Water Chem stry

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Delaware State University

3.0 AGENCY CONTACT: Mrs. Kay Bella, Wat r Quality Office, Environmental Protection Agency, Arlin on, Virginia (703) 557-7361

4.0 SOURCE: Environmental Protection Agen . Water Quality Office
$19,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher orie ed material whic may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Waste water technol gy.

8.0 COMMENT:

Accession # (1) 1 / / / 0 / 6 / 9 Date: (7) 10/16/72

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(12) . (52) . (62) .

1.0 TITLE: Curriculum Package in Monitoring and Surveillance

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: University of Wyoming

3.0 AGENCY CONTACT: Mrs. Kay Bella, Water Quality Office, Environmental Protection Agency, Arlington, Virginia (703) 557-7361

4.0 SOURCE: Environmental Protection Agency, Water Quality Office $14,000

5.0 MEDIA: Unknown

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Waste water technology.

8.0 COMMENT:

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CUIP

Accession # (1) 4 / / / 0 / 7 / 0 Date: (7) 10/16/72

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(42) . (52) . (62) .

1.0 TITLE: Waste Water Technology

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Charles County Community College, South Carolina (60,000); Linn-Benton Community College, Oregon (60,000); Greenville College, South Carolina (65,000); Clemson University, South Carolina (monitoring)

3.0 AGENCY CONTACT: Mrs. Kay Bella, Water Quality Office, Environmental Protection Agency, Arlington, Virginia (703) 557-7351

4.0 SOURCE: Environmental Protection Agency, $205,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Waste water technology.

8.0 COMMENT: Project to develop and test a two-year curriculum to train waste water technicians.

Accession # (1) 1/0/7/1 Date: (7) 10/16/72

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(42)____. (52)____. (62)____.

1.0 TITLE: Environmental Health Technician

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Clemson University, South Carolina

3.0 AGENCY CONTACT: Mrs. Kay Bella, Water Quality Office, Environmental Protection Agency, Arlington, Virginia (703) 557-7361

4.0 SOURCE: Environmental Protection Agency, $25,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Environmental health.

8.0 COMMENT:

Accession # (1) 4 / / / 0 / 7 / 2 Date: (7) 10/16/72

0.0 (12) 07.0703 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Plant Designer--Pilot Teaching

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Unknown

3.0 AGENCY CONTACT: Mrs. Kay Bell, Water Quality Office, Environmental Protection Agency, Arlington, Virginia (703) 557-7361

4.0 SOURCE: Environmental Protection Agency, $41,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used in job training at the post-secondary level.

7.0 SUBJECT CONTENT: Sanitary engineering.

8.0 COMMENT: Program to train plant designers to work in the area of sanitary engineering.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OHP

Accession # (1) 1 / / / 0 / 7 / 3 Date: (7) 10/16/72

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(42) . (52) . (62) .

1.0 TITLE: Reinforcement of Model Cluster in Curriculum Activities Guide for Senior High School

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Tilton Community College, Tilton, New Jersey

3.0 AGENCY CONTACT: Mrs. Kay Bella, Water Quality office, Environmental Protection Agency, Arlington, Virginia (703) 557-7361

4.0 SOURCE: Environmental Protection Agency, 55.300

5.0 MEDIA: Textbook.

6.0 ORIENTATION: Student oriented materials designed for use at the secondary level in career exploration.

7.0 SUBJECT CONTENT: Environmental health.

8.0 COMMENT: Continuation on a project which developed an extensive guide for high schoolers in environmental education.

Accession # (1) 4 / / / 0 / 7 / 4 Date: (7) 10/16/72 89

0.0 (12) 16.0604 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Harbor Studies

DATE STARTED: 1968 TERMINATION DATE: Ongoing

2.0 DIRECTOR: Center for Urban Affairs, University of Southern California

3.0 AGENCY CONTACT: Robert T. Wildman

4.0 SOURCE: NOAA, Office of Sea Grants

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Recreation, coastal zone management, problem solving, marine affairs, work-study program.

8.0 COMMENT: Students participate in an interdisciplinary study of the harbor as a physical and biological system, as an economic and political system and as an industrial, urban and recreational area. Curriculum is oriented toward practical problem solving and planning in coastal zone management.

Accession # (1) 4 / / / 0 / 7 / 5 Date: (7) 10/16/72 90

0.0 (12) 16 . 0604 (22) . (32) . (42) . (52) . (62) .

1.0 TITLE: Marine Programs

DATE STARTED: Ongoing TERMINATION DATE:

2.0 DIRECTOR: Texas A & M University (Law program - Flieger Ereli at University of Houston).

3.0 AGENCY CONTACT: Robert T. Wildman

4.0 SOURCE: NOAA, Office of Sea Grants

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Marine law, marine electronics technicians

8.0 COMMENT: 1) Marine Law course which includes research and information services focusing on legal-administrative aspects of marine and coastal resources. 2) pilot program for training marine electronics technicians, including classroom and practical training in marine science on a research vessel in the Gulf of Mexico.

Accession # (1) 4 / / / 0 / 7 / 6 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Associate of Applied Science Degree for Marine Technicians

DATE STARTED: TERMINATION DATE: Ongoing

2.0 DIRECTOR: Washington Technical Institute

3.0 AGENCY CONTACT: Robert T. Wildman

4.0 SOURCE: NOAA, Office of Sea Grants, $91,500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in job training.

7.0 SUBJECT CONTENT: Marine science technology, oceanography.

8.0 COMMENT: Students who complete this program are trained as technicians to work either aboard ship or in shore based laboratories. The curriculum includes theoretical as well as applied aspects of oceanography.

Accession # (1) 4 / / / 0 / 7 / 7 Date: (7) 10/17/72

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(42) . (52) . (62) .

1.0 TITLE: Building a Dory

DATE STARTED: TERMINATION DATE: Ongoing

2.0 DIRECTOR: R. Barry Fisher, Oregon State University, Corvallis, Oregon

3.0 AGENCY CONTACT: Robert T. Wildman

4.0 SOURCE: NOAA, Office of Sea Grant and Office of Economic Opportunity, $75,000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student oriented material which may be used at the secondary or post-secondary level in training.

7.0 SUBJECT CONTENT: Fishing industry, dories, boat building.

8.0 COMMENT: A project on American Samoa to teach the natives how to build and man hydraulically-equipped dories and how to use them to catch fish.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OUP

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/CDP

Accession # (1) 1 / / / 0 / 7 / 8 Date: (7) 10/14/72

0.0 (12) 16.0604 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Diving Safety Manual

DATE STARTED: TERMINATION DATE: Dec. 1972

2.0 DIRECTOR: Lee Somers, Sea Grant Program, University of Michigan

3.0 AGENCY CONTACT: Robert T. Wildman

4.0 SOURCE: NOAA, Office of Sea Grant

5.0 MEDIA: Textbook

6.0 ORIENTATION: Student oriented material which may be used at the secondary or post-secondary level in occupational development and career exploration.

7.0 SUBJECT CONTENT: Safety, diving techniques.

8.0 COMMENT: Establishes guidelines for all underwater work. Provides training in the most common environment encountered by divers. One of three similar programs at universities across the country.

Accession # (1) 1 / / / 0 / 7 / 9 Date: (7) 10/18/72

0.0 (12) 24 . 02 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Curriculum Revision

DATE STARTED: July 1972 TERMINATION DATE: Dec. 1973

2.0 DIRECTOR: Unknown, HUMRRO Corporation

3.0 AGENCY CONTACT: Mr. Joseph Cowan

4.0 SOURCE: U.S. Coast Guard: unknown

5.0 MEDIA:

6.0 ORIENTATION: Teacher oriented material which may be used at the secondary or post-secondary level in job training.

7.0 SUBJECT CONTENT: Curriculum development.

8.0 COMMENT: Will establish guidelines for curriculum revision in Coast Guard. Second year may include application of model.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 8 / 0 Date: (7) 10/18/72

0.0 (12) 17. 15 (22) . (32) .
(42) . (52) . (62) .

1.0 TITLE: Electronics Technician Training

DATE STARTED: 1971 TERMINATION DATE: Jan. 1973

2.0 DIRECTOR: Dr. Edgar Shriver, MATRIX Inc.

3.0 AGENCY CONTACT: Mr. Joseph Cowan

4.0 SOURCE: U.S. Coast Guard; unknown

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material designed for use at secondary or post-secondary level in job training.

7.0 SUBJECT CONTENT: Shipboard electronics.

8.0 COMMENT: Complete overhaul of entire electronics curriculum.

Accession # (1) 4 / / / 0 / 8 / 1 Date: (7) 10/18/72

0.0 (12) 14 08 (22) 17 . 17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Advanced Collective Bargaining Negotiations

DATE STARTED: September 1972 TERMINATION DATE: Jan. 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, $3500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Negotiations, contract clauses, collective bargaining.

8.0 COMMENT: This workshop will develop the skills needed to prepare for and conduct negotiations and to draft contract language. Emphasis will be on understanding the principles, concepts, and practices of collective bargaining concract negotiations. Package will include student guide, instructor's handbook and case studies.

CAREER EDUCATION DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OHP

Accession # (1) 4 / / / 0 / 8 / 2 Date: (7) 10/18/72

0.0 (12) 14.08 (22) 17.17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Labor Disputes and Their Resolution

DATE STARTED: July 1972 TERMINATION DATE: Nov. 1972

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, $1500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Strike prevention, job actions, resolution of disputes.

8.0 COMMENT: This workshop was developed to prepare the management team in the handling of labor disputes and other militant actions by providing a foundation for labor relations policy that stresses strike prevention and contingency plans, and the resolution of strikes. Package will contain a student guide, instructor's handbook and case discussions.

Accession # (1) 4 / / / 0 / 8 / 3 Date: (7) 10/18/72

0.0 (12) 14.08 (22) 17.17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Labor Relations Symposium for Executives

DATE STARTED: October 1972 TERMINATION DATE: April 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Collective bargaining, federal policy, unfair labor practices, labor disputes.

8.0 COMMENT: The Symposium is designed to provide a thorough introduction for public employment managers and executives dealing in labor-management relations. Package will include student guide, instructor handbook, and case discussions.

Accession # (1) 4 / / / 0 / 8 / 4 Date: (7) 10/15/72

0.0 (12) 14 . 08 (22) 17 . 17 (32) . (42) . (52) . (62) .

1.0 TITLE: Labor/Relations f[illegible] Personnel Specialists

DATE STARTED: September 1972 TERMINATION DATE: March 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, $1500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Collective bargaining, labor relations law, personnel policy, grievance systems.

8.0 COMMENT: The course is designed to orient personnel officers and specialists to the impact of collective bargaining on personnel administration. Package will include student guide, instructor's handbook and case discussions.

Accession # (1) 4 / / / 0 / 8 / 5 Date: (7) 10/18/72

0.0 (12) 14 .08 (22) 17 .17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Introduction to Collective Bargaining Negotiations

DATE STARTED: August 1972 TERMINATION DATE: Dec. 1972

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, $2500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational training.

7.0 SUBJECT CONTENT: Collective bargaining, negotiations and contract administration, bargaining impasses.

8.0 COMMENT: A program designed to inform management participants about the concepts and principles of negotiating and implementing collective bargaining agreements. Package includes student guide, instructor's handbook and case discussions.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OHE

Accession # (1) 4 / / / 0 / 8 / 6 Date: (7) 10/18/72

0.0 (12) 14.08 (22) 17.17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Basic Labor - Management Relations

DATE STARTED: August 197 TERMINATION DATE: Feb. 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, 5250

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational training.

7.0 SUBJECT CONTENT: Labor movement, managing conflict, collective bargaining.

8.0 COMMENT: Designed for staff persons as an introduction to the field, this survey course explores the dynamics of labor relations, and collective bargaining. Package will contain student guide, instructor's handbook and case discussions.

Accession # (1) 1 / / / 0 / 8 / 7 Date: (7) 10/18/72

0.0 (12) 14 . 08 (22) 17 . 17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Labor Relations for Supervisors

DATE STARTED: July 1972 TERMINATION DATE: Jan. 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, 1500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Collective bargaining, labor relations law, handling grievances.

8.0 COMMENT: The course is designed to prepare line supervisors and managers to deal with the union steward in everyday situations. Package will include student guide, instructor handbook and case discussions.

Accession # (1) 1 / [illegible] / [illegible] / 0 / 5 / 8 Date: (7) 10/18/72

0.0 (12) 14.08 (22) 17.12 (32) ____.____
(42) ____.____ (52) ____.____ (62) ____.____

1.0 TITLE: Labor Relations Briefing for Executives

DATE STARTED: July 1972 TERMINATION DATE: Jan. 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission, Washington, D.C.

4.0 SOURCE: Civil Service Commission, 6500

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Collective bargaining process, labor relations law, collective bargaining trends.

8.0 COMMENT: This mini-course is designed for government executives to help them develop a management philosophy toward collective bargaining and a general understanding of the process. Package will include student guide, instructor handbook and case discussions.

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES

Project Resume Form NWREL/OIIP

Accession # (1) 4 / / / 0 / 8 / 9 Date: (7) 10/18/72

0.0 (12) 14.08 (22) 17.17 (32) .
(42) . (52) . (62) .

1.0 TITLE: Workshop on Arbitration and Fact-Finding

DATE STARTED: September 1972 TERMINATION DATE: Feb. 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, $2000

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented material which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Arbitration cases, data collection, documentation, case presentation.

8.0 COMMENT: This course is designed to train the management specialist to investigate, gather and prepare the appropriate information and data for presentation in arbitration and fact-finding cases. Techniques of preparation and presentation are explored. Package will include student guide, instructor handbook and case discussions.

Accession # (1) 1 / / / 0 / 9 / 0 Date: (7) 10/18/72

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(42) . (52) . (62) .

1.0 TITLE: Management Preparation for Labor Relations

DATE STARTED: October 1972 TERMINATION DATE: March 1973

2.0 DIRECTOR: Robert Hastings

3.0 AGENCY CONTACT: Robert Hastings, Director, Labor Relations Training Center, Civil Service Commission

4.0 SOURCE: Civil Service Commission, 9206

5.0 MEDIA: Multimedia

6.0 ORIENTATION: Student and teacher oriented materials which may be used at the post-secondary level in occupational development.

7.0 SUBJECT CONTENT: Labor relations policy, unfair labor practices, unit determination cases.

8.0 COMMENT: This workshop is designed for public sector managers who are concerned with improving their skills in labor relations and who will be faced with a union organizing campaign and appropriate bargaining unit problems. Package will contain student guides, instructor's handbooks and case discussions.

IV

SUMMARY AND RECOMMENDATIONS

The preceeding information provides ample evidence of the quantity and quality of on-going curriculum development activities within federal agencies. The relevancy of such activities rests upon the creativity and imagination of the occupational educator and the applied definitions of vocational/technical, manpower, adult or career education. These curriculum resources are relatively untapped by educators and by other federal agencies, and represent an opportunity to share information for the benefit of all.

The procedures required to effectively determine ongoing activities are similar to those utilized to identify completed curriculum products. The procedures and methods not only vary from agency to agency but vary within agencies as well. The factor common to all is the requirement of becoming familiar with and involved in each selected agency.

The following recommendations are presented for your consideration:

1. A project of two years duration should be initiated wherein more federal agencies are surveyed to determine:

   a. completed, on-going and anticipated curriculum development activities and products which are potentially relevant to vocational/technical, manpower, adult and career education;

   b. procedures and methods whereby such information can be most effectively collected and shared in a continuous or iterative manner;

c. ways and means for maintaining an up-to-date file of such information available to both education and other federal agencies.

2. A project should be initiated wherein educators and other federal agency personnel are provided opportunities to assess the relevance of federal agency products and activities to their missions and needs.

3. A position paper, or study, should be commissioned to explore in-depth the advantages and disadvantages of a centralized file of information regarding curriculum activities and products of federal agencies.

4. The Federal Interagency Committee on Education should host a workshop to deal with problems related to sharing curriculum information and coordinating curriculum development activities.

5. Papers and other products resulting from activities such as those recommended above should be widely disseminated among federal agency personnel so as to stimulate greater interaction and cooperation.

ATTACHMENTS

ATTACHMENT A

INSTRUCTIONAL CLASSIFICATION
CODE TITLES

CODE	INSTRUCTIONAL PROGRAM
01.0605	WATER
02.02	ART STUDIO
04.18	RECREATION AND TOURISM
07	HEALTH OCCUPATIONS EDUCATION
07.01	DENTAL
07.0102	DENTAL HYGIENE (ASSOCIATE DEGREE)
07.02	MEDICAL LABORATORY TECHNOLOGY
07.03	NURSING
07.0302	PRACTICAL (VOCATIONAL)NURSING
07.0306	OBSTETRICAL TECHNICIAN
07.0307	HOME HEALTH AID
07.0401	OCCUPATIONAL THERAPY
07.0402	PHYSICAL THERAPY
07.05	RADIOLOGIC
07.0603	OPTOMETRIST ASSISTANT
07.07	ENVIRONMENTAL HEALTH
07.0701	ENVIRONMENTAL HEALTH ASSISTANT
07.0703	SANITARIAN ASSISTANT
07.08	MENTAL HEALTH TECHNOLOGY
07.09	MISCELLANEOUS HEALTH OCCUPATIONS EDUCATION

CODE	INSTRUCTIONAL PROGRAM
07.0902	ELECTROCARDIOGRAPH TECHNICIAN
07.0903	INHALATION THERAPY
07.0904	MEDICAL ASSISTANT (ASSISTANT IN PHYSICIAN'S OFFICE)
07.0908	FOOD SERVICE SUPERVISOR
07.0910	ORTHOPEDIC ASSISTING
07.99	HEALTH OCCUPATIONS EDUCATION, OTHER
07.9901	DIETARY TECHNICIAN
07.9902	HEALTH SERVICES, PLANNING
07.9903	PHARMACY TECHNICIAN
14.01	ACCOUNTING AND COMPUTING OCCUPATIONS
14.08	SUPERVISORY AND ADMINISTRATIVE MANAGEMENT OCCUPATIONS
15.04	CONSERVATION-ENVIRONMENTAL EDUCATION
16.0602	FIRE AND FIRE SAFETY TECHNOLOGY
16.0604	OCEANOGRAPHIC TECHNOLOGY (PHYSICAL, BIOLOGICAL AND FISHERIES)
16.0605	POLICE (LAW ENFORCEMENT AND CORRECTIONS) SCIENCE TECHNOLOGY
17	TRADE AND INDUSTRIAL OCCUPATIONS
17.08	COMMERCIAL FISHERY OCCUPATIONS
17.15	ELECTRONICS OCCUPATIONS
17.17	FOREMANSHIP, SUPERVISION AND MANAGEMENT DEVELOPMENT
17.22	MARITIME OCCUPATIONS
18	GENERAL CAREER EDUCATION

CODE	INSTRUCTIONAL PROGRAM
19.01	DISADVANTAGED/HANDICAPPED - EXTERNAL
19.0102	DISADVANTAGED/HANDICAPPED - EXTERNAL EDUCATIONAL
19.020101	DISADVANTAGED/HANDICAPPED - INTERNAL AUDITORY
19.020102	DISADVANTAGED/HANDICAPPED - INTERNAL MENTAL
19.03	DISADVANTAGED/HANDICAPPED - MULTIPLE
21.01	SAFETY AND DRIVER EDUCATION
23.01	PREVOCATIONAL GUIDANCE
24.02	CURRICULUM DEVELOPMENT

ATTACHMENT B

MEDIA TERMINOLOGY CONTROL LIST

AUDIO-CARTRIDGE
AUDIO-CASSETTE
AUDIO-TAPE-REEL
BIBLIOGRAPHY
BROCHURE
CARDS
CHART
CATALOG
CAI-PROGRAM
DIRECTORY
EQUIPMENT
FILMSTRIP
GAME
GLOBE
GUIDEBOOK
KINESCOPE
KIT
MAP
MICROFORM
MICROCARD
MICROFICHE
MICROFILM
MODEL
MOVIE (8mm Loop, S8mm Loop,
16mm Reel, 35mm Reel)
MULTIMEDIA
PAMPHLET
PERIODICAL
PHONODISC (16rpm, 33rpm, 78rpm)
PRINTED-MATTER
P-I-BOOK
P-I-SPECIAL
REFERENCE BOOK
SLIDES
SLIDE-MICRO
SOUND-FILMSTRIP
SPECIMEN
STUDY-PRINT
TEXTBOOK
TRANSPARENCY
VIDEOTAPE (1/4, 1/2, 1, 2)
WORKBOOK
OTHER

Accession # (1) 4 /__/__/__/__/__/__ Date: (7)_____

0.0 (12)____.____ (22)____.____ (32)____.____
(42)____.____ (52)____.____ (62)____.

1.0 TITLE:

DATE STARTED: TERMINATION DATE:

2.0 DIRECTOR:

3.0 AGENCY CONTACT:

4.0 SOURCE:

5.0 MEDIA:

6.0 ORIENTATION:

7.0 SUBJECT CONTENT:

8.0 COMMENT:

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES Project Resume Form NWREL CHIP

Accession # (1) 4 /__/__/__/__/__/__ Date: (7)_____

0.0 (12)____.____ (22)____.____ (32)____.____
(42)____.____ (52)____.____ (62)____.____

1.0 TITLE:

DATE STARTED: TERMINATION DATE:

2.0 DIRECTOR:

3.0 AGENCY CONTACT:

4.0 SOURCE:

5.0 MEDIA:

6.0 ORIENTATION:

7.0 SUBJECT CONTENT:

8.0 COMMENT:

Accession # (1) 4 /__/__/__/__/__/__ Date: (7)_____

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(42)____.____ (52)____.____ (62)____.____

1.0 TITLE:

DATE STARTED: TERMINATION DATE:

2.0 DIRECTOR:

3.0 AGENCY CONTACT:

4.0 SOURCE:

5.0 MEDIA:

6.0 ORIENTATION:

7.0 SUBJECT CONTENT:

8.0 COMMENT:

CURRICULUM DEVELOPMENT ACTIVITIES/FEDERAL AGENCIES Project Resume Form NWREL/OIIP